

U.S. Patent Application Serial No. **10/541,469**
Amendment filed October 19, 2010
Reply to OA dated June 21, 2010

AMENDMENTS TO THE CLAIMS:

Please add new claims 13 and 14, as follows. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Previously Presented): An embolus forming in-vivo indwelling device comprising a coil separating member and a coil main body having flexibility and a stretch suppressing member which is provided on an inner periphery of the coil main body and which is made of a water-swellaable polymer material for suppressing stretch of the coil main body by swelling with absorbed water,

wherein in a case that the dry stretch suppressing member is provided on the inner periphery of the coil main body, the stretch suppressing member has a smaller diameter than the coil diameter of the coil main body, and the stretch suppressing member enters space between adjacent wire turns of the coil main body as a result of swelling.

Claim 2 (Original): The embolus forming in-vivo indwelling coil according to claim 1, wherein the water-swellaable polymer material constituting the stretch suppressing member comprises a polyvinyl alcohol polymer.

Claim 3 (Previously Presented): The embolus forming in-vivo indwelling coil according to claim 1, wherein the wire constituting the coil main body has a diameter of 10 to 120 μm , and the coil main body has a coil diameter of 100 to 500 μm , a coil length of 2 to 500 mm, and a number of turns of 1 to 100 per unit length (1 mm).

Claim 4 (Previously Presented): The embolus forming in-vivo indwelling coil according to claim 1, wherein the stretch suppressing member has a rod-like shape or cylindrical shape and is provided in the coil main body so as to pass through the coil main body and extend in the coil axial direction of the coil main body.

Claim 5 (Original): The embolus forming in-vivo indwelling coil according to claim 4, wherein the diameter of the stretch suppressing member is smaller than the inner diameter of the coil main body by about 1 to 50% in a dry state.

Claims 6-7 (Canceled).

Claim 8 (Withdrawn): The embolus forming in-vivo indwelling coil according to claim 1, wherein a stretch suppressing member has a rod-like or cylindrical shape and is provided so as to extend in the coil axial direction of a coil main body and pass through the coil main body, and

another stretch suppressing member has a cylindrical or tubular shape and is provided to cover the entire region of the outer periphery of the coil main body in the coil axial direction.

Claim 9 (Withdrawn): The embolus forming in-vivo indwelling coil according to claim 4, further comprising another stretch suppressing member having cylindrical or tubular shape and is provided to cover the entire region of the outer periphery of the coil main body in the coil axial direction.

Claim 10 (Withdrawn): The embolus forming in-vivo indwelling coil according to claim 1, wherein the stretch suppressing member extends over the entire region of the coil main body.

Claim 11 (Previously Presented): An embolus forming in-vivo indwelling device comprising a coil separating member and a coil main body having flexibility and a stretch suppressing member which enters space between adjacent wire turns in an inner periphery of the coil main body to create a state in which adjacent wire turns are substantially connected to each other as a result of swelling.

Claim 12 (Previously Presented): The embolus forming in-vivo indwelling coil according to claim 1, wherein the coil main body has space between each turn before swelling.

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Claim 13 (New): The embolus forming in-vivo indwelling coil according to claim 1, wherein the stretch suppressing member is disposed to extend over the entire region of the coil main body in the coil axial direction.

Claim 14 (New): The embolus forming in-vivo indwelling coil according to claim 1, wherein a coil separating member is partially provided inside the coil body in a state that a distal end of the coil separating member is in contact with a proximal end of the stretch suppressing member.